

Camilo Carrillo

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

29
papers

738
citations

13
h-index

27
g-index

30
ext. papers

890
ext. citations

6.6
avg, IF

4.02
L-index

#	Paper	IF	Citations
29	Review of power curve modelling for wind turbines. <i>Renewable and Sustainable Energy Reviews</i> , 2013 , 21, 572-581	16.2	190
28	A third order model for the doubly-fed induction machine. <i>Electric Power Systems Research</i> , 2000 , 56, 121	3.5	108
27	An Approach to Determine the Weibull Parameters for Wind Energy Analysis: The Case of Galicia (Spain). <i>Energies</i> , 2014 , 7, 2676-2700	3.1	63
26	Discrete \mathbb{N} model for partially shaded PV-arrays. <i>Solar Energy</i> , 2014 , 103, 96-107	6.8	48
25	Optimal distribution for photovoltaic solar trackers to minimize power losses caused by shadows. <i>Renewable Energy</i> , 2011 , 36, 1826-1835	8.1	46
24	Power fluctuations in an isolated wind plant. <i>IEEE Transactions on Energy Conversion</i> , 2004 , 19, 217-221	5.4	44
23	2010 ,		41
22	Comparative study of flywheel systems in an isolated wind plant. <i>Renewable Energy</i> , 2009 , 34, 890-898	8.1	25
21	Probabilistic model for mechanical power fluctuations in asynchronous wind parks. <i>IEEE Transactions on Power Systems</i> , 2003 , 18, 761-768	7	25
20	A machine learning based stochastic optimization framework for a wind and storage power plant participating in energy pool market. <i>Applied Energy</i> , 2018 , 232, 341-357	10.7	23
19	Control Algorithm for Coordinated Reactive Power Compensation in a Wind Park. <i>IEEE Transactions on Energy Conversion</i> , 2008 , 23, 1064-1072	5.4	21
18	Lighting control system based on digital camera for energy saving in shop windows. <i>Energy and Buildings</i> , 2013 , 59, 143-151	7	17
17	Evaluation of a data driven stochastic approach to optimize the participation of a wind and storage power plant in day-ahead and reserve markets. <i>Energy</i> , 2018 , 156, 278-291	7.9	13
16	A STATCOM with Supercapacitors for Low-Voltage Ride-Through in Fixed-Speed Wind Turbines. <i>Energies</i> , 2014 , 7, 5922-5952	3.1	12
15	A method to estimate the energy production of photovoltaic trackers under shading conditions. <i>Energy Conversion and Management</i> , 2017 , 150, 433-450	10.6	11
14	Discretized model for partially shaded PV arrays composed of PV panels with overlapping bypass diodes. <i>Solar Energy</i> , 2017 , 157, 103-115	6.8	11
13	A methodology for energy analysis of escalators. <i>Energy and Buildings</i> , 2013 , 61, 21-30	7	7

12	Evaluation of the uncertainty in the scheduling of a wind and storage power plant participating in day-ahead and reserve markets. <i>Energy Procedia</i> , 2017 , 136, 73-78	2.3	7
11	Effects of WECS settings and PMSG parameters in the performance of a small wind energy generator 2010 ,		5
10	Estimation of energy losses in a Wind Park 2007 ,		4
9	Fluorescent lamp modelling for voltage fluctuations. <i>European Transactions on Electrical Power</i> , 2001 , 11, 119-127		4
8	Regulation of synchronous generators by means of hydrostatic transmissions. <i>IEEE Transactions on Power Systems</i> , 2000 , 15, 771-778	7	4
7	State estimation for wind farms including the wind turbine generator models. <i>Renewable Energy</i> , 2014 , 71, 453-465	8.1	3
6	Performance evaluation and modelling of the Atir marine current turbine. <i>IET Renewable Power Generation</i> , 2021 , 15, 821-838	2.9	2
5	Impact of ASD settings in its LVRT behaviour 2010 ,		1
4	Coordinated reactive compensation in a Wind Park 2007 ,		1
3	A linear approach to study the influence of asynchronous wind parks on isolated networks. <i>Electric Power Systems Research</i> , 2007 , 77, 1028-1037	3.5	1
2	Life cycle assessment of repurposed waste electric and electronic equipment in comparison with original equipment. <i>Sustainable Production and Consumption</i> , 2021 , 27, 1637-1649	8.2	1
1	Discussion of "Regulation of synchronous generators by means of hydrostatic transmissions" [and reply]. <i>IEEE Transactions on Power Systems</i> , 2000 , 15, 1447-1448	7	